

Proposal # 2001- H - 201 (Office Use Only)

PSP COVER SHEET

Proposal Title: Upper Trinity River Watershed Stewardship Project
Applicant Name: Trinity County Resource Conservation District
Contact Name: Pat Frost
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Amount of funding requested: \$300,000

Some entities charge different costs dependent on the source of funds. If it is different for state or federal funds list below.

State cost _____

Federal cost _____

Cost share partners? No

Identify partners and amount contributed by each _____

Indicate the Topic for which you are applying (check only one box):

Natural Flow Regimes	Beyond the Riparian Corridor
Nonnative Invasive Species	<input checked="" type="checkbox"/> Local Watershed Stewardship
Flood Management	Environmental Education
Shallow Water Tidal/Marsh Habitat	Special Status Species Surveys and Studies
Contaminants	Fish Screens

What county or counties is the project located in? Trinity

What CALFED ecozone is the project located in? See the attached list and indicate number. Be as specific as possible 16 Upper Trinity River Watershed

Indicate the type of applicant (check only one box):

State agency	Federal agency
Public/Non-profit joint venture	Non-profit
<input checked="" type="checkbox"/> Local government/district	Private party
University	
Other: _____	

Indicate the primary species which the proposal addresses (check all that apply):

- | | |
|---|---|
| <input checked="" type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | <input checked="" type="checkbox"/> Spring-run chinook salmon |
| <input checked="" type="checkbox"/> Winter-run chinook salmon | <input checked="" type="checkbox"/> Fall-run chinook salmon |
| <input checked="" type="checkbox"/> Late-fall run chinook salmon | <input checked="" type="checkbox"/> Longfin smelt |
| Delta smelt | <input checked="" type="checkbox"/> Steelhead trout |
| Splittail | Striped bass |
| Green sturgeon | All chinook species |
| White Sturgeon | <input checked="" type="checkbox"/> All Anadromous salmonids |
| Waterfowl and Shorebirds | American Shad |
| Migratory birds | |
| Other listed T/E species: _____ | |

Indicate the type **of** project (check only one **box**):

- | | |
|--|--|
| <input type="checkbox"/> Research/Monitoring | <input checked="" type="checkbox"/> Watershed Planning |
| <input type="checkbox"/> Pilot/Demo Project | <input type="checkbox"/> Education |
| <input type="checkbox"/> Full-scale implementation | |

Is this a next-phase of an ongoing project? Yes _____ No ☒
Have you received funding from CALFED before? Yes _____ No ☒

If yes, list project title and CALFED number _____

Have you received funding from CVPIA before? Yes _____ No ☒

If yes, list CVPIA program providing funding, project title and CVPIA number (if applicable): _____

By signing below, the applicant declares the following:

- The truthfulness of all representations in their proposal;
- The individual signing the form is entitled to submit the application on behalf of the applicant (if the applicant is an entity or organization); and
- The person submitting the application has read and understood the conflict of interest and confidentiality discussion in the PSP (Section 2.4) and waives any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent as provided in the Section.

Noreen Doyas

Printed name of applicant

Noreen Doyas
Signature of applicant

Executive Summary

Title: Upper Trinity River Watershed Stewardship Project

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P.O. Box 1450, Weaverville, CA 96093
Phone: (530) 623-6004
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With **Participation/Collaboration** From:

Trinity County Board of Supervisors
Natural Resources Conservation Service
Watershed Research and Training Center
California Department of Forestry and Fire Protection
Local Landowners and Businesses
Shasta-Trinity National Forest

Project Description

This is a community-based watershed stewardship project with active local leadership located in the Upper Trinity River Watershed above Trinity Dam, which has a total drainage area of 692 square miles. The extremely high turbidity levels experienced in Trinity Lake in past years has led to increasing concern among local residents, business owners, and various agencies. This proposal aims to discover the cause and possible solutions of this problem by developing an Upper Trinity River Watershed Coalition, conducting a sediment source inventory, preparing a strategic fuels reduction and thinning plan and demonstration project, and developing a comprehensive Watershed Action Plan with prioritized projects for implementation utilizing adaptive management techniques. This cooperative planning process is integral to our efforts to reduce sedimentation and turbidity levels in Trinity Lake, improve water quality and water supply reliability for its beneficial uses both downstream and for the CVP area.

This project addresses the Ecosystem Restoration Program Plan (ERRP) objective for upper watershed health and function by developing an Action Plan for restoring ecological processes in the upper watersheds in order to maintain and improve the quality and quantity of water flowing into the tributaries and rivers of the Sacramento Bay Delta. The Upper Trinity River is an important source watershed for the ERPP study area since nearly one million acre-feet of water per year is imported from the Upper Trinity River to the ERPP study area, as well as providing storage capacity of 2.5 million acre-feet for the Central Valley Project.

Primary biological and ecological objectives include: minimize sedimentation and turbidity, as this reduces available storage capacity in the reservoir; reduce erosion of silts and sands that impair the quality of spawning gravels; improve water quality and water supply reliability from Trinity to Bay-Delta; improve fisheries habitat.

PROJECT DESCRIPTION

1. Statement of the Problem

a. Problem

Construction and operation of the Central Valley Project (CVP) has in effect made the Trinity River an artificial (man-made) tributary of the Sacramento River. Trinity County has been considered as the County of Origin for the Trinity River Division of the CVP. Since 1964, an average of nearly 1 million acre-feet of water per year has been diverted from the Trinity River Watershed to the Sacramento River by the CVP under 1959 permits issued to the Bureau of Reclamation by the State Water Resources Control Board. This compares with average annual inflow of approximately 12 million acre-feet. The permitted removal of most of the water from the Upper Trinity River has had direct and significant destructive effects on area-of-origin beneficial uses and public trust assets in the entire Klamath-Trinity basin, including reductions in fish habitat (80-90% declines in chinook, coho salmon and steelhead trout populations from pre-diversion levels).

With the exception of major rainfall events in 1978, 1983, 1997, and 1998, the Trinity River has historically provided the CVP and other users, water of exceptionally high quality. In heavy rainfall years large volumes of fine sediment are eroded from the watershed upstream of Trinity Dam and are subsequently trapped in the reservoir. This has been immediately reflected in high levels of turbidity. (See attachment C). Turbidity of the water in Trinity Lake, released below the Dam into the Trinity River and exported to Whiskeytown reservoir remains substantially elevated for many months following these events. Turbidity readings in Trinity Lake reached their highest levels in twenty-two years in 1997 and remained relatively high through 1998. Trinity exports to Whiskeytown Lake and ultimately, the Sacramento River, also experienced extremely high turbidity levels. The obvious connection between major rainfall events and high turbidity could be indicative of a major erosion-control problem in the Upper Trinity River watershed. This buildup of sediment has the potential to reduce the available storage capacity and ultimately threaten the expected life of the dam. It has been suggested that the current pattern of El Nino-related weather in this area could become a regular phenomenon. With this possibility looming over the future, it is imperative that watershed assessment, prioritization, and restoration work be initiated promptly to ensure the continued provision of high quality water to the CVP.

An USDA/NRCS Engineer has estimated that approximately 460,160 cubic tons of sediment per year is entering Trinity Lake from the various tributary streams above the dam. This figure translates into a reduction in storage capacity of 230 acre-feet per year. One acre-foot of water from the Trinity Lake generates 1,100 kilowatt hour of power. Power generation from Trinity Lake is four times more valuable than that from Shasta Dam as there is much more head, or elevation change from Trinity. The Bureau of Reclamation has suggested that heavy sedimentation increase the maintenance cost of the equipment at the power plants and pumping stations, and that when Trinity Lake is turbid, Whiskeytown Reservoir tends to be quite turbid as well, affecting the ERPP water quality. Potential for extending the life of the dam and maximizing storage capacity would also have beneficial effects for power generation and water users in the Bay-Delta region.

The ERPP states that "Upper watershed health and function is an important ecological process that directly influences the health of Chinook salmon or its habitat." (Vol. I, pg. 219). This project is designed to assess and improve water quality in a critical upper watershed and will address the CALFED Bay-Delta Program goal of improving water supply reliability. The Upper Trinity River Watershed Stewardship project will follow an adaptive management framework and implement an ecosystem-based approach. This project addresses the stated CALFED issues of water supply reliability and to restore ecological processes in the upper watersheds.

This project will address and examine the extremely high turbidity levels of Trinity Lake that have existed during and after the storms of early 1997 and 1998 by inventorying sediment sources within the watershed and recommending solutions in order to reduce sediment runoff and associated high turbidity levels. This project will bring together various stakeholders within the community to develop and implement a comprehensive watershed assessment and Action Plan. This plan will lead to implementation of projects that will minimize loss of storage capacity in the dam by reducing sedimentation and improve forest health by addressing fire risk and fuel buildup.

b. Conceptual Model

This is a community-based project with active local leadership to develop a comprehensive watershed stewardship plan for the Upper Trinity River. Working in a collaborative environment, the Upper Trinity River Watershed Coalition will be formed consisting of diverse interest groups to address the various issues and concerns and establish a vision and goals for the restoration of the watershed. The Coalition will develop specific objectives for examining the sources of the problem of turbidity into Trinity Lake, utilizing adaptive management techniques. A sediment survey will be conducted by TCRCD and NRCS staff to determine the source of the sediment with an initial focus on the five main tributaries to Trinity Lake, Stuart Fork, Swift Creek, Coffee Creek, Upper Trinity River, and East Fork Trinity. (See attached map). A strategic fuels reduction/thinning plan and demonstration project will be developed for the watershed, with participation from the Watershed Research and Training Center, input from the US Forest Service (the primary land owner in the watershed), and the California Department of Forestry and Fire Protection (for private lands input). An Upper Trinity River Watershed Action Plan will be developed, incorporating the previously mentioned elements of the project outlining prioritization of projects for implementation. This project will contribute to ongoing local watershed stewardship that can achieve significant environmental results with benefits for both the ERPP study area and the Trinity River Watershed below Trinity and Lewiston Dams. This project was initially spearheaded by local residents, concerned about the continuing high levels of turbidity in Trinity Lake and the resultant negative economic impacts on this community and the fishery resource.

c. Objectives

The ultimate objectives of this project are to implement recommended projects from the Watershed Action Plan to reduce sediment and turbidity levels and improve water quality

and storage capacity for both the Trinity River basin and Central Valley Project (CVP). These projects are expected to include road upgrade or decommission, streambank stabilization, revegetation, and fuels reduction and thinning. Design, permit acquisitions, landowner permission to implement, and contracting with equipment operators all would be undertaken during this phase of the project.

2. Proposed Scope of Work

a. Location and/or Geographic Boundaries of the Project

This project is located in Trinity County and consists of the upper Trinity River Watershed above Trinity Dam. The Trinity River originates near 9,025 ft elevation at Mt. Eddy, and flows south into Trinity Lake, (elevation 2,370 ft) a distance of roughly 20 miles. Transbasin diversion from the Trinity River through Judge Francis Carr powerplant to Whiskeytown Lake (elevation 1,210 ~~ft~~) began in April 1963. Due to this diversion, Trinity Lake is considered part of the Trinity River Division of the CVP. Diversions from Whiskeytown Lake to the Sacramento River via Spring Creek powerplant and tunnel into Keswick Reservoir began in December 1963. Water from the Trinity River basin is diverted from Whiskeytown Reservoir through the Spring Creek tunnel to Keswick Diversion Dam on the Sacramento River for power generation. The total drainage area of the Upper Trinity River basin is 692 square miles.

The Upper Trinity River watershed should be considered an important part of the Sacramento River watershed, due to the fact that an average of nearly one million acre feet of water per year is diverted from Trinity Lake through the Clear Creek Tunnel into the ERRP study area, and the fact that Trinity Lake provides 2.5 million acre-feet of storage capacity for the CVP. The amount of water that is utilized from the Upper Trinity River as part of the CVP dictates that this "source watershed" be addressed. For example, the stated vision for Ecological Processes for Central Valley Streamflows (Vol. 2, p. 171) dictates that supplemental releases of water from major reservoirs is needed to emulate natural peak flows—making Upper Trinity River water a critical component to the success of the CALFED project.

The Upper Trinity River watershed consists of over 70% publicly owned land, most of which is administered by the US Forest Service. The Trinity Alps Wilderness Area accounts for 32% of the total watershed. Private lands account for 29% of this watershed with a significant portion owned by Sierra Pacific Industries. Other private lands in this watershed include several small communities including Coffee Creek, Covington Mill and Trinity Center, recreational facilities, resorts, and a winery (see the attached maps, Attachments A 1-3).

b. Approach

Tasks include:

- Organize stakeholders, including business owners, landowners, state and federal agencies, into a watershed coalition to address concerns and establish a stewardship

vision

- Determine the cause(s) of high turbidity levels in Trinity Lake, and thus Whiskeytown Reservoir by conducting a sediment source inventory
- Develop a Watershed Action Plan for the Upper Trinity River watershed with implementation priorities
- Prepare a strategic fuels management plan to reduce the risk of catastrophic fire with the involvement of CDF and USFS and private landowners

c. Monitoring and Assessment Plans

Monitoring, data collection and evaluation will be a critical component of the Upper Trinity River Watershed Action Plan. Monitoring, utilizing a science-based feedback, will address effectiveness of project implementation to determine whether objectives are being achieved and will provide information to support adaptive management actions.

This will include the development of a detailed project-scale monitoring plan that will continually evaluate the success of various objectives, including sediment inflow, turbidity, habitat improvement, and community involvement in the planning process. Monitoring will collect and analyze pre- and post-project data to assess the effectiveness of project activities in achieving objectives for water quality, fuels reduction, fishery habitat improvement. Volunteers and members of the Upper Trinity River Watershed Coalition will be actively involved in gathering monitoring data. Monitoring will be designed with the assistance of resource professionals to ensure appropriate information is being collected and training of volunteers will take place to ensure the accuracy of data collected. Photo documentation will be utilized to depict before and after fuel reduction treatments. Monitoring data will be incorporated into GIS and maintained by TCRCD.

Table 1. Monitoring and Data Collection Information

Biological/Ecological Objectives			
Hypothesis/Question to be Evaluated	Monitoring Parameter(s) and Data Collection Approach	Data Evaluation Approach	Comments/Data Priority
Reduce Sedimentation /Turbidity	Survey Sediment Sources at tributaries, road networks and aerial photo interpretation	Establish base-line data, map problem areas, GIS-- Following storm events	High Priority
Improve Storage Capacity and Life of Trinity Reservoir	Reduction in sedimentation following road treatments	Monitor sediment inflow and turbidity over time	High Priority
Improve Fishery Habitat	Fish counts, quality of spawning gravels	Following storm events determine health of fish habitat, reduced siltation of spawning gravels	High Priority
Improve Forest Health	Fuels reduction plan and Demonstration project	Pre and post project photo points, track fire start and intensity incidents	High Priority
Community Involvement in Development of Watershed Action Plan	Number of people, interest groups and agencies involved in this project	Number of interested and involved landowners, agencies, etc.	High Priority

d. Data Handling and Storage

TCRCD and NRCS staff will be utilized to conduct the road inventory, aerial photo interpretation, and to measure tributary sediment inflow. This will take place only once during this project. From this information, sediment source locations will be identified and prescriptions for treatments will be designed and become part of the Watershed Action Plan with implementation projects prioritized. Forest health will be assessed by assistance from CDF and a Registered Professional Forester. Other monitoring efforts will be performed in part by the Watershed Coalition.

Road systems in the watershed will be evaluated once during the project period, with problem sites mapped and data sheets input into GIS database. Aerial photography will be analyzed once with landslides, natural and man-made identified and mapped. Forest health status will be determined from assessment of fuel load conditions, initially from

aerial photos and then through spot checking on the ground. Turbidity figures will be updated monthly, data is collected at the Trinity River Hatchery. These figures will be compared with data for Whiskeytown Reservoir to observe impact of the Trinity Lake water/turbidity on the CALFED system. Fisheries habitat improvement will be monitored from fish population studies currently undertaken by the California Department of Fish and Game.

e. Expected Products/Outcomes

- Organize Upper Trinity River Watershed Coalition, consisting of landowners, business owners, fishermen, agencies, land managers, and other interested parties. Integrate local, state, federal and private efforts in a large-scale restoration planning process. Schedule regular meetings to discuss issues of concern, develop priorities, and define the focus for the Upper Trinity River Watershed Action Plan
- Conduct an inventory of sediment sources within the watershed
- Survey sediment delta at each of the five main tributaries to Trinity Lake (see attached map of subwatersheds)
- Design restoration activities to benefit fisheries
- Develop a Watershed Assessment and Action Plan including the following topics:
 - Background
 - Watershed Goals and Objectives
 - Land Use History
 - Limiting factors-Sedimentation, Fuels buildup
 - Soils and geology
 - Aerial photo interpretation analysis
 - Sediment source inventory data and recommendations
 - Strategic plan for fuels reduction/forest health improvement on USFS and private lands as mitigation for catastrophic fire
 - Implementation Plan with prioritization
 - GIS mapping-roads, soils, vegetation, ownership identification, project planning and monitoring
 - Monitoring Plan, utilizing adaptive management (CALFED compliant)
- Complete Final Report with an outline for proposed work.

f. Work Schedule

Task 1: Coordinate the Upper Trinity River Watershed Coalition	month 1-24
Task 2: Public Scoping sessions	month 2-16
Task 3: Prepare GIS maps for watershed for planning, Action Plan and Monitoring	month 1-24
Task 4: Survey sediment inflow at tributaries	month 2-12
Task 5: Conduct inventory of sediment sources-road network	month 2-12
Task 6: Monitoring and Evaluation, utilizing adaptive management	month 2-36
Task 7: Develop the Upper Trinity River Watershed Action Plan	month 4-15
Task 8: Demonstration Project Implementation	month 15-24

Task 9: Quarterly and Final Report preparation for CALFED quarterly

Product: Upper Trinity River Watershed Action Plan
prioritizing recommended action items for implementation month 36

g. Feasibility

Other alternatives to address problems in this watershed have been researched, but funding opportunities for the watershed above the Trinity Dam have been virtually non-existent. The Trinity River Restoration Program will only fund projects below the dam, and even the Forest Service has identified this area as low priority, so Watershed Analysis in this watershed has not been scheduled for some time. This upper watershed, an important "source watershed" for both the Trinity River and CVP, should be understood and protected. It is necessary to make an inventory of sediment sources in the watershed to determine location of sedimentation and turbidity, prescribe and prioritize any necessary treatments, including forest health and fuels reduction, and then develop a Watershed Action Plan with the critical involvement of local citizens.

This project will comply with all related laws and regulations as required. For the first phase of the project, however, we do not anticipate that any National Environmental Policy Act (NEPA) or California Environmental Quality Act (CEQA) permits, easements, encumbrances, etc. need to be addressed. This project consists of the planning stage involving the compiling of a sediment inventory and developing a Watershed Assessment and Action Plan. The US Forest Service, the major land manager in the Upper Trinity River Watershed, is in support of this project (see attached letter). Sierra Pacific Industries, the other significant landowner in this area, has been approached by the business community regarding this project. Permission from landowners to conduct inventory will be obtained prior to any detailed site-specific data collection. We will work closely with the landowners and community leaders and keep interested parties informed of progress made. Public information and public relations, including scoping sessions, presentations, direct mailings, and newsletters will play an important role in this project.

The NRCS will assist in surveying the main tributary deltas of Trinity Lake, including Coffee Creek, East Fork Trinity, Trinity, Stuart Fork and Swift Creek to measure sediment inflow. TCRCD will hire a part time coordinator for the Upper Trinity River Watershed Coalition. This person will organize meetings, workshops, and field trips to develop a watershed restoration vision and goals and to discuss various issues and concerns in the watershed. The Watershed Research and Training Center (WRTC) will contract with TCRCD to develop a strategic fuels management and thinning plan with the strong involvement of the US Forest Service and the California Department of Forestry and Fire Protection (CDF), who have begun this process already. The WRTC is developing a market for small diameter material obtained from thinning projects (utilizing a low-impact Economizer) to help offset costs of implementing fuels reduction treatments. The GIS mapping will be prepared by TCRCD's GIS manager who has significant experience with maps for watershed analysis, identifying road networks, vegetation type, soils and geology. The development of the Upper Trinity River

Watershed Action Plan will be put out to bid for a consultant. There are several very competent consultants available in the area who are familiar with the Basin and its issues whom we have worked with in the past.

D. Applicability to CALFED ERP Goals and Implementation Plan and CVPIA Priorities

1. ERP Goals and CVPIA Priorities

The biological benefits to the overall goals/objectives of CALFED of addressing these unabated sediment loading problems upstream of Trinity Dam are multiple. Sediment deposition in Trinity Lake, and the downstream reservoirs decreases the available cold-water storage and therefore, the availability of critical water supply to supplement flows necessary to restore the ecological functions in the Sacramento River Ecological Management Zone. The reduction of sediment transport downstream of Trinity Dam into the Trinity River system will assist in the restoration of anadromous salmonids in the Trinity River system, and carry a secondary benefit for CALFED by reducing stressors to at risk salmonids in all of the Ecological Management Zones of the Bay-Delta, because a restored Trinity fishery could take some commercial and recreational fishing pressure off of the targeted at-risk species.

Table 2. Technical justification for project components based on CALFED ERPP.

CALFED ECOSYSTEM ELEMENT	ERPP Objectives
CHINOOK SALMON	Restore ecological processes and habitats vital to sustain chinook salmon populations; eliminate stressors to chinook salmon production, including adequate streamflow and cool water temps. (ERPP Vol. I. p. 223)
STEELHEAD TROUT	Reduce or eliminate stressors to steelhead production, including adequate streamflow; protect spawning and rearing habitat in upper tributary watersheds (ERPP Vol. I. p. 230)
CENTRAL VALLEY STREAMFLOWS AND TEMPERATURES	Create flow and temperature regimes in regulated rivers that favor native aquatic species and restore ecological functions. (ERPP Vol. I. p. 42, Vol. II. p. 161, 167, 171, 172)
COORDINATION OF PLANNING AND RESTORATION ACTIONS IN THE UPPER WATERSHEDS	CALFED Coordinated Watershed Management Program Calls for the Coordination of Planning and Restoration Actions in the Upper Watersheds (ERPP Vol. I. p. 6, Vol II. p. 160)

2. Relationship to Other Ecosystem Restoration Projects

This project is consistent with CALFED goals of improving water quality and storage capacity as well as aquatic and terrestrial habitats and ecological processes. This

proposal addresses several ecosystem elements and stressors described in the Ecosystem Restoration Program Plan (ERPP). These elements include, but are not limited to the CALFED ecosystem elements listed below in Table 1. As technical justification for the restoration project, Table 1 provides specific restoration objectives that address each CALFED element. This project meets the CALFED Bay-Delta Watershed Program elements of supporting local watershed activities, facilitates and improves coordination and assistance between government agencies, other organizations, and local watershed groups.

This project will coordinate with other projects including the Trinity River Restoration Program, the 5-County Coho Plan project, and Proposition 204 projects-“Trinity River Watershed Forest Health and Fuels Reduction” and “Erosion Inventory and Migration Barrier Assessment and Implementation for County Roads Within the Trinity River Watershed”. This project also complements several key actions called for in the Clean Water Action Plan of the Environmental Protection Agency and the Department of Agriculture, specifically to create watershed assessment and restoration action strategies. This report, completed in 1998, establishes a framework of cooperation for federal and state agencies, Tribes, and the public to work together to address clean water issues. More specifically, it calls for unified watershed assessments to be completed and assessments to be made of the water quality of all reservoirs operated by the Bureau of Reclamation with strategies developed for water quality improvement. The Upper Trinity River Watershed Stewardship Project would facilitate several of the objectives of the Clean Water Action Plan.

Upper watershed processes (fire and erosion) are linked to Bay-Delta ecological health by affecting water supply, sediment supply, habitats, and Bay-Delta species. Healthy upper watersheds provide essential habitat conditions for anadromous fish. This particular upper watershed helps to assure water supply reliability to the CVP.

3. Request for Next-Phase Funding

No.

4. Previous Recipients of CALFED or CVPIA funding

No.

5. System-Wide Ecosystem Benefits

Specific project benefits include:

- Improved storage capacity of Trinity and Whiskeytown Lakes by minimizing sedimentation
- Extended life of Trinity Dam
- Improved fisheries habitat for the Trinity/Klamath system as well as the Bay-Delta
- Improved water quality for all beneficial uses including power generation and recreation
- Increased water supply reliability

- Improved forest health and minimized risk of catastrophic fire

This project will ultimately improve the ecological health of Trinity Lake as well as both the Trinity River and the ERRP area with an improvement in the quality of water by minimizing sedimentation and turbidity. Increasing storage capacity and extending the life of the dam through a reduction in sedimentation would also benefit the system. Reducing the risk of catastrophic fire will benefit forest health in this source watershed and minimize potential sedimentation. The ecological benefits are critical to priority species identified by CALFED, including* hinook salmon and steelhead by reducing fine sediments and providing sufficient high quality water. The proposal is a long-term strategy to address large-scale problems in this source watershed of the CVP.

This project provides benefits for other CALFED objectives including water quality, water supply reliability, and watershed management.

Potential benefits to third parties include:

- Improved recreation and tourism at both Trinity Lake and along the Trinity River below the dam with a reduction in sedimentation/turbidity.
- Economic benefit to a tourism-dependant community.
- Fish habitat in the Trinity River below the dam should improve with the reduction of fine sediments as well, requiring less water to flush sediments than might otherwise be the case.
- Reduced risk of catastrophic fire would benefit the resources, forest health, landowners, and the community.

E. APPLICANT QUALIFICATIONS

Trinity County Resource Conservation District (TCRCD) has an outstanding record of achievement with many projects in the Trinity River Basin, including development of cooperative efforts among landowners, timber interests, various government agencies and the general public. TCRCD has had extensive experience in watershed restoration projects as part of the Trinity River Fish and Wildlife Restoration Program. TCRCD is currently in its sixth year under contract to design, implement, and monitor a multi-year, multi-million dollar watershed restoration project in Grass Valley Creek Watershed (a tributary to the Trinity River) and its fourth year for similar work in the South Fork Trinity River Watershed.

The TCRCD has been a very active participant in the South Fork Trinity River Coordinated Resource Management Planning group (CRMP) since its inception in 1994. TCRCD has participated in several Watershed Analysis reports and has conducted sediment inventories in many watersheds. It has also had significant experience in contracting with consultants on many occasions. Funding has been obtained by TCRCD for various other restoration and fuels reduction projects from US Fish and Wildlife,

California Department of Fish and Game, and California Department of Forestry and Fire Protection. To date, these projects have only been funded for projects below Trinity Dam. The experience and proven capability of the district will be useful for developing and fostering a community-based solution to major sediment problems existing in the Upper Trinity River Watershed.

TCRCD is a special district of the state of California. TCRCD was formed under Division 9 of the State Resources Code in 1956. As a special district it is self-governed by appointed directors who establish priorities and set policy. Directors are landowners who know local problems, and who volunteer their time without pay.

TCRCD is a county wide special district. The TCRCD gets funding solely from outside grants and some fee-for-service projects. The Board of Directors is guided by landowners and the community in their decisions and actions. Employees of the district carry out the day-to-day operations, guided by priorities and policies established by the Board. The TCRCD focuses attention on land, water, and related resource problems, develops programs to resolve them, and enlists and coordinates assistance from all public and private sources that can contribute in accomplishing the district's goals. In addition, it works toward furthering conservation education in the community, coordinating educational programs, and serving as a community clearing house for information and services.

Pat Frost-District Manager of the Trinity County Resource Conservation District will oversee this project and staff involved in the project. The Watershed Coordinator will report directly to Pat and he will be responsible for the financial and reporting aspects of the project.

John Condon-Project Manager with TCRCD for five years will be involved in developing the sediment source inventory and the Watershed Action Plan.

Cynthia Tatwater-Implementation Coordinator will supervise the four person sediment source inventory crew. She has lead the road-related sediment reduction work in several watersheds in the Upper South Fork Trinity River.

Rich Roberts-NRCS Engineer will review inventory data and prescribe treatments. He has been instrumental in designing restoration prescriptions for TCRCD for the past five years.

Kelly Sheen-GIS Specialist has significant experience in developing watershed based GIS maps for planning purposes, such as TMDL's, Watershed Analysis, County General Plan, and Sediment Source Inventory Location Identification.

TCRCD Mission Statement

To assist people in protecting, managing, conserving and restoring the natural resources of Trinity County through information, education, technical assistance and project implementation.

TCRCD Vision Statement

Trinity County Resource Conservation District envisions a balance between utilization and conservation of our natural resources. Through economic diversity and ecosystem management, our communities will achieve and sustain a quality environment and healthy economy.

Other partners involved in this project also have significant experience in watershed restoration planning and implementation of projects, including the Natural Resource Conservation Service, formerly Soil Conservation Service (a federal agency) and the Watershed Research and Training Center. The WRTC was organized in 1992 as a community-based organization as a proactive, solution-based response to the change in public land management from timber to ecosystem management addressing the vital link between healthy forests and healthy communities. Providing soft infrastructure for building community capacity in this timber-dependant county has been the core focus of the organization. The WRTC is working towards developing a market for small diameter material in order to make fuels reduction/thinning projects more economically feasible. They have been involved in several successful fuels reduction/thinning projects working in coordination with the US Forest Service and anticipate that the results of this work will lead to the creation of many local jobs in the extraction, primary processing, and value-added activities. It will be beneficial to tie this relationship as well as market development into this project.

F. Cost

1. Budget

This proposal requests \$300,000 for the Upper Trinity River Stewardship Project for a period of three years. Table 3 below provides a cost breakdown of the various tasks.

Table 3. Total Budget (CALFED funds only)

Project Phase and Task	Direct Labor Hours	Direct Salary and Benefits	Service Contracts	Material and Acquisition Costs	Misc. and other Direct Costs	Overhead Labor	Total Cost
T1: Coalition Coordination	1,066	16,000		1,200		1,600	18,800
T2: Public Scoping	266	5,000				400	5,400
T3: GIS Support	2,500	30,000		2,000		5,000	37,000
T4: Trib Delta Survey	300	16,000				1,000	17,000
T5: Conduct Sediment Inventory	4,000	65,000		2,000		6,000	73,000
T6: Monitoring and Evaluation	666	10,000				1,000	11,000
T7: Watershed Action Plan	1,600	10,000	70,000			8,000	88,000
T8: Fuels Reduction Demonstration Project		10,000	16,000			2,000	28,000
T9: Project Management	750	20,000				1,800	21,800
TOTAL	11,148	\$182,000	\$86,000	\$ 5,200		\$26,800	\$300,000

The result of this Category III funded project will help leverage significant additional watershed restoration implementation activities. This project consists of the planning process to develop the priorities for implementation, along with a demonstration fuels reduction project. With the Watershed Action Plan, other funding sources may be available for implementing prioritized on-the-ground restoration projects. Other sources of funds will be pursued for the implementation phase, including Proposition 204, California Department of Forestry and Fire Protection's Forest Stewardship Program, US Fish and Wildlife Service "Jobs in the Woods," and California Department of Fish and Game program (SB271). This project and the implementation of the findings will contribute towards the achievement of CALFED goals and objectives.

TCRCD will be the responsible fiduciary and administrator for this project. TCRCD has

extensive experience in successfully administering grants in the magnitude of several hundred thousand dollars. TCRCD will invoice monthly based on time and materials expenses incurred. At the end of the project, the TCRCD and the Upper Trinity River Watershed Coalition members will work towards ongoing implementation of the Watershed Action Plan, GIS database, and monitoring activities.

2. Cost-Sharing

Other funding commitments that could be counted toward cost sharing in improving the salmonid fisheries habitat as well as the upper watershed health include:

- Prop 204 funds of \$400,000 to develop a Strategic Fire Plan for the Trinity River Basin and implement several demonstration fuels reduction projects on both public and private lands.
- California Department of Forestry and Fire Protection's Forest Stewardship Funds to develop and implement a Fire Management and Fuels Reduction Plan for the Covington Mill area.
- For Trinity River tributaries downstream of Trinity Dam the TCRCD has obtained significant funds (several million dollars) to implement salmonid fisheries enhancement projects from the Trinity River Restoration Program since **1992**. Funds have been obtained for restoration work in Grass Valley Creek Watershed, Indian Creek Watershed, South Fork Trinity River Watershed, and Weaver and Rush Creek Watersheds. These projects have been erosion control, riparian enhancement, and water quality improvement projects. Funds have also been obtained from California Department of Fish and Game, Bureau of Land Management's "Jobs in the Woods" funds, and US Fish and Wildlife Jobs in the Woods funds to implement fishery enhancement projects in these same areas.

All of these projects have been designed primarily to improve the condition of the fishery in the Trinity Basin, but in the larger picture, this improves the overall fishery for the state of California and reduces stressors on the Bay-Delta targeted at risk fish species.

G. LOCAL INVOLVEMENT

Trinity County has expressed strong interest and support of the TCRCD seeking CALFED funding to address concerns in the Upper Trinity River Watershed. The Trinity County Board of Supervisors voted to submit a letter of support for this proposal (Attachment EI). Chris Erikson, who is Supervisor for the District that includes the Upper Trinity Watershed, has also expressed personal interest in this project. The TCRCD has informed John Jeletic, Planning Director of the Trinity County Planning Department, of the TCRCD's intent to submit this proposal to CALFED (see attached copy of the notification letter). The TCRCD continues to coordinate with county and local government regarding our projects. Local support is quite strong for this project, as residents have been increasingly aware of the declining health of the Trinity River and its fisheries due to the diversion of most of Trinity

Upper Trinity River Watershed Stewardship Project

CALFED Proposal

May, 2000

River water to the CVP.

There is no formal group for the Upper Trinity River Watershed at this time, only a significant number of concerned landowners and business owners (see attached letters and signatures). This proposal intends to form a watershed group to bring these people together and identify problem areas and move toward resolving them. The TCRCD has worked extensively with the South Fork Trinity River Coordinated Resource Management Group and has experience in working with local groups. Other interested groups would include the Trinity Bioregion Group and the Trinity River Restoration Program's Technical Coordinating Committee (TCC). All parties that we have spoken with to date have expressed strong support of this effort.

The Shasta-Trinity National Forest has been made aware of this project and they have expressed support for this effort. The Upper Trinity River Watershed has tended to be lower on their list of priorities for watershed analysis and restoration efforts than other parts of the national forest in this county. Thus, there is a gap in information for this critical portion of the watershed that serves both the Bay-Delta species and water users, as well as the Trinity River below the dam. As the Upper Trinity River watershed has a distinct checkerboard landownership pattern consisting of interspersed public and private lands, a strong outreach effort will have to be made to reach all of the private interests. One major private landowner in this watershed that we will want to work with on this project is Sierra Pacific Industries. Public outreach will consist of neighborhood meetings, scoping sessions, newsletters, presentations to established community organizations, direct mailings, and the Internet.

Third party impacts from implementing this project are expected to be positive. Recreation and tourism would improve at both Trinity Lake and along the Trinity River below the dam with a reduction in sedimentation/turbidity. This would provide economic benefit to this tourism-dependant community. Fish habitat in the Trinity River below the dam should improve with the reduction of fine sediments as well, requiring less water to flush sediments than might otherwise be the case. Reduced risk of catastrophic fire would benefit the resources, forest health, landowners, and the community. Economic impacts would be positive for this community as a whole. Trinity County residents feel that it is important that CALFED make an early and organized effort to reinvest in the health of the Upper Trinity Watershed, an important upper watershed to the Bay-Delta. This would result in goodwill in this community. No adverse third party impacts are anticipated.

H. COMPLIANCE WITH STANDARD TERMS AND CONDITIONS

The standard terms and conditions as specified in the PSP (described in attachments D and E) are agreeable to and able to be complied with by Trinity County Resource Conservation District. TCRCD prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. TCRCD will provide quarterly written and oral (if requested for annual review meeting) reports on the progress of the project and a final report with recommendations will be submitted at the completion of this project. A monitoring plan

will be part of the outcome of this project.

I. Literature Cited

Ecosystem Restoration Program Plan (ERRP), CALFED, 1998

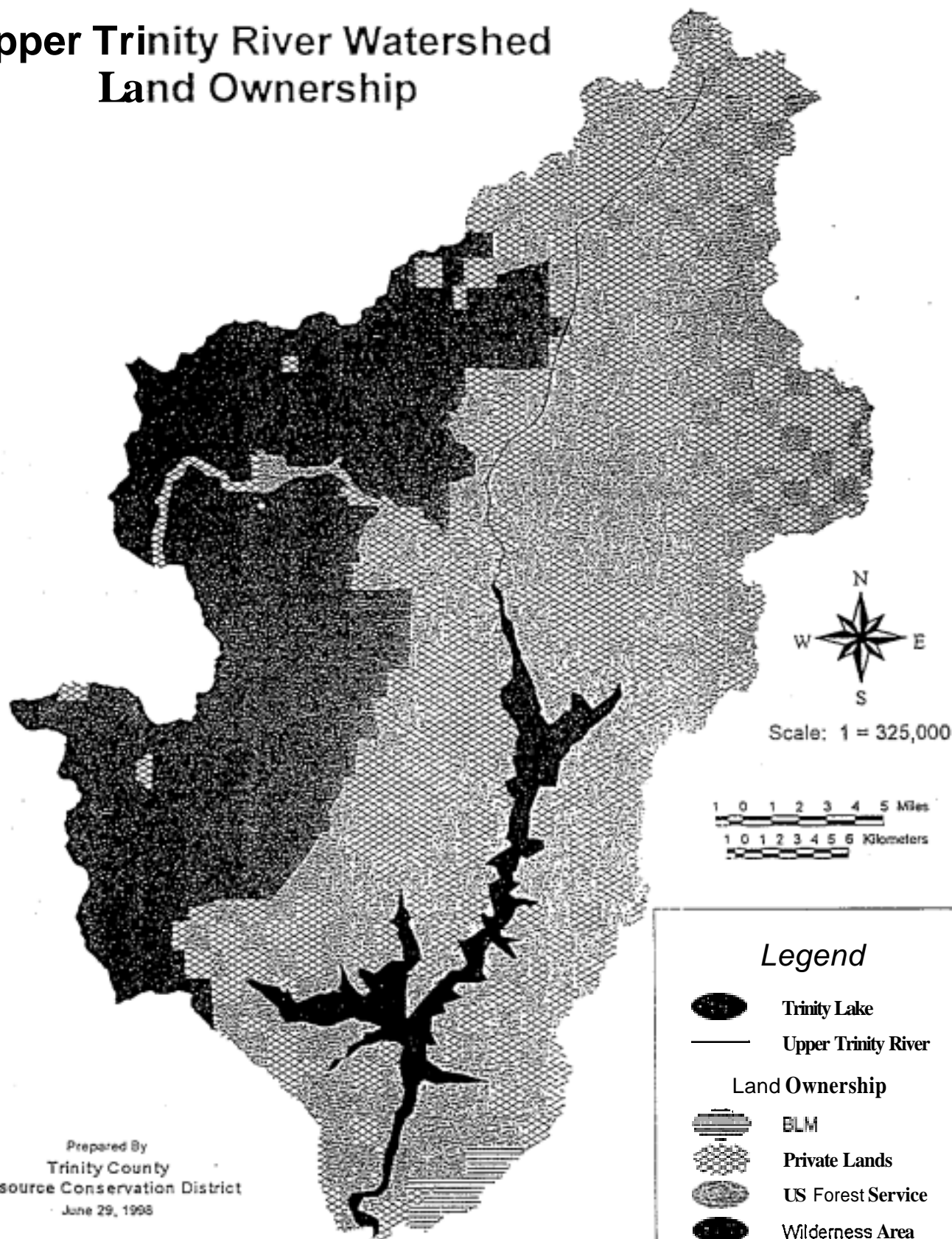
J. Threshold Requirements

Letters of Notification, Environmental Compliance Checklist, Land Use Checklist, and contract forms are attached to the back of this proposal.

Attachments

- A. Upper Trinity River Watershed Maps
 - 1. Ownership Map
 - 2. Subwatersheds of the Upper Trinity River Watershed
 - 3. USGS Quad Map
- B. Trinity River Division of the Central Valley Project Profile and Diagram
- C. Trinity River Turbidity at California Department of Fish and Game Fish Hatchery
- D. Trinity River Water Diverted to Central Valley by Water Year
 - 1. Chart
 - 2. Data
- E. Letters of Support
 - 1. Trinity County Board of Supervisors
 - 2. Natural Resource Conservation Service
 - 3. Watershed Research and Training Center
 - 4. California Regional Water Quality Control Board, North Coast Region
 - 5. Shasta-Trinity National Forest
 - 6. California Department of Forestry and Fire Protection
 - 7. California Department of Fish and Game
 - 8. Carol Fall, Upper Trinity River watershed landowner
 - 9. Patrick Truman, Upper Trinity River watershed landowner
 - 10. Carol Fencil, Upper Trinity River watershed landowner
 - 11. Morgan Langan, Trinity Alps Resort
 - 12. Friends of the Trinity River
 - 13. California Conservation Corps, District Director
 - 14. California Conservation Corps, Chief of Corpsmember Development & Project Support Division
 - 15. Signatures from 43 residents and business owners requesting TCRCD apply for CALFED funds to address watershed above Trinity Dam
- F. Notification Letter to Trinity County Planning Department
- G. Standard Terms and Condition Forms for State (CALFED) Funds
 - 1. Contracts With Public Entities—Form 4100
 - 2. Additional Standard Clauses—Form 4099a
- H. Terms and Conditions for Federal (Department of Interior) Funds
 - 1. Certifications Regarding Debarment, Suspension and Other Responsibility Matters, Drug-Free Workplace Requirements and Lobbying
 - 2. Application for Federal Assistance—Form 424
 - 3. Assurances—Non-Construction Programs—Form 424B

Upper Trinity River Watershed Land Ownership

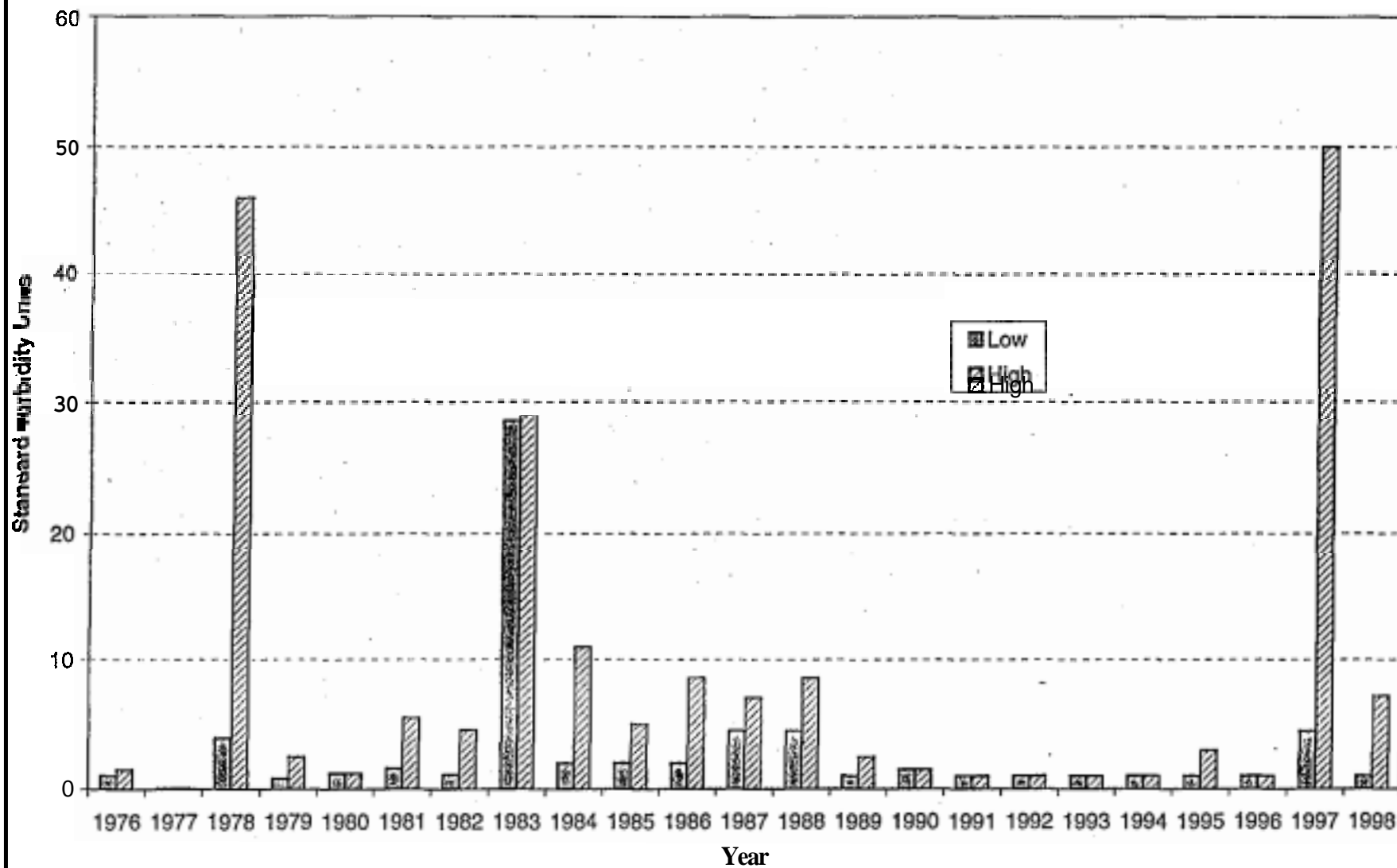


Prepared By
Trinity County
Resource Conservation District
June 29, 1998

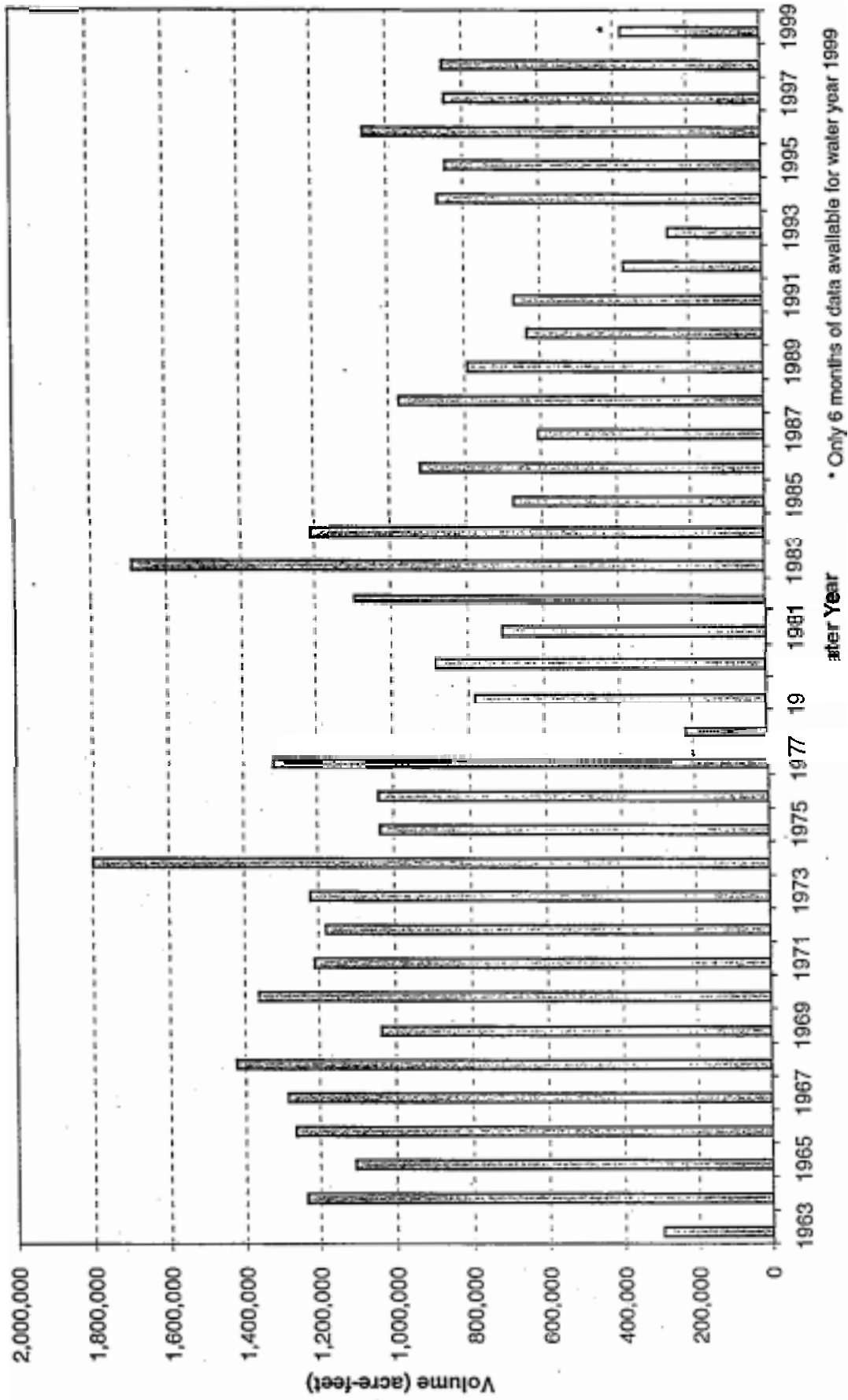
Upper Trinity River Subwatersheds



Trinity River Turbidity at CDFG Hatchery, Lewiston, Ca.



Trinity River Water Diverted to Central Valley by Water Year



Trinity Imports - Flow through Judge Carr Powerplant

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1963								7,060	22,870	84,890	97,340	81,980	294,140
1964	57,070	36,220	64,220	48,500	63,290	47,040	132,490	102,320	162,450	180,870	186,930	152,010	1,233,410
1965	104,160	57,060	36,290	40,040	53,440	75,940	41,580	114,540	156,420	138,300	156,850	130,870	1,105,570
1966	77,620	44,290	33,860	49,740	31,740	32,440	115,590	197,250	176,360	101,960	185,180	135,610	1,261,640
1967	149,660	120,370	30,740	40,880	34,030	34,210	41,550	83,870	189,320	181,430	181,480	107,050	1,282,590
1968	154,220	76,000	76,840	50,200	48,340	40,020	114,200	212,970	212,050	220,620	163,240	55,450	1,424,150
1969	44,180	40,360	50,320	23,250	17,230	17,180	10,220	91,560	217,930	173,590	171,230	163,510	1,036,560
1970	24,870	24,670	24,500	44,400	170,400	168,520	191,630	145,510	114,050	185,120	177,270	91,040	1,361,980
1971	47,150	15,300	33,900	91,460	116,690	106,880	137,800	171,730	179,950	149,090	88,810	71,940	1,210,700
1972	114,590	69,650	29,760	30,080	18,700	140,790	114,530	65,740	125,320	174,750	131,260	146,420	1,181,590
1973	90,700	32,250	42,570	29,080	72,090	120,020	128,490	145,700	142,360	154,040	148,760	114,380	1,220,440
1974	27,460	42,770	157,790	146,150	179,100	191,450	160,600	216,060	193,060	187,640	161,900	134,720	1,799,500
1975	138,030	17,310	21,080	19,880	15,160	23,000	166,660	70,880	174,900	132,980	135,010	120,080	1,034,970
1976	92,580	127,330	23,200	43,750	46,810	58,270	9,060	4,610	152,840	161,680	161,300	156,730	1,038,240
1977	171,730	71,870	32,810	50,020	20,720	90,300	52,380	147,580	173,360	218,360	198,940	89,280	1,317,350
1978	17,720	4,690	23,450	6,860	510	300	0	10,840	17,080	15,560	39,590	80,990	217,590
1979	33,300	109,970	177,730	6,650	1,190	230	4,660	19,460	38,150	135,610	161,310	94,350	782,610
1980	60,850	8,050	25,470	20	6,000	145,980	90,740	31,710	99,200	104,250	157,810	155,080	005,160
1981	13,210	49,540	6,540	690	24,170	30,780	23,770	49,690	108,300	109,490	159,100	134,300	709,660
1902	39,750	17,400	43,450	169,310	133,950	111,110	45,650	154,610	105,610	70,670	91,700	110,350	1,093,560
1903	92,610	92,920	97,310	91,190	165,700	129,730	175,860	184,020	169,420	189,540	164,600	138,170	1,691,070
1984	101,540	103,210	113,280	139,680	133,150	16,950	30,750	25,640	48,960	141,070	192,800	162,750	1,209,780
1985	24,040	62,310	88,860	47,650	43,610	34,900	28,040	27,500	16,500	77,550	64,980	136,970	673,790
1986	119,940	75,900	93,770	0	360	49,340	96,050	39,380	36,570	125,140	154,230	120,070	918,750
1987	63,460	42,450	9,120	2,680	17,390	3,620	25,450	7,770	19,020	160,040	64,330	191,070	607,200
1988	206,920	87,030	45,220	23,070	20	0	40,650	6,030	101,40	146,420	190,590	208,510	973,400
1989	190,780	81,890	610	250	660	850	31,890	4,690	10,460	156,230	140,340	173,420	792,070
1990	120,520	13,920	5,040	8,540	120	0	8,830	23,120	27,640	151,630	103,340	164,100	634,800
1991	142,680	19,000	4,140	240	820	3,420	4,970	10	63,560	93,990	155,640	179,760	668,310
1992	92,030	1,070	730	480	150	13,350	10,820	75,610	58,650	64,500	31,180	27,180	375,950
1993	65,670	83,550	10	840	150	770	160	2,420	40	23,860	37,530	37,700	252,700
1994	10,180	30,270	10,540	0	9,060	3,700	89,720	146,020	200,980	180,140	155,320	31,470	067,400
1995	14,020	2,930	10,330	1,560	140	60	31,140	88,750	188,820	190,100	175,900	142,180	845,930
1996	55,960	14,390	9,990	10,200	100,600	83,550	81,260	43,800	133,350	190,420	180,730	148,450	1,060,780
1997	71,500	5,250	15,000	19,390	37,610	30,390	72,080	121,280	175,320	186,000	87,670	24,170	846,460
1998	36,270	12,120	7,530	8,500	6,360	42,970	153,180	105,630	23,720	176,040	179,900	99,310	051,610
1999	46,600	94,630	41,960	88,460	39,740	66,910							370,300
Avg	81.177	50.112	41,332	37,271	44,702	53.194	70.607	82.401	109.600	144.846	140.616	122,206	965,595



TRINITY COUNTY

BOARD OF SUPERVISORS

P.O. Drawer 1613 (530) 623-1217
WEAVERVILLE, CALIFORNIA 96093

Dero B. Forslund, Clerk

Jeannie Nix-Temple, County Administrative Officer

April 8, 1999

Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resource Conservation District
P.O. Box 1450
Weaverville, CA 96093

Re: CALFED Proposal - "Upper Trinity River Watershed Stewardship Project"

Dear Mr. Lowden:

The Trinity County Board of Supervisors wishes to express its support for the Trinity County Resource Conservation District's proposal requesting CALFED funding for watershed restoration planning and to conduct a sediment source inventory in the Upper Trinity Watershed. We have been concerned about the very high levels of turbidity that Trinity Lake has had since the storms of early 1997 and about the resultant impact on fisheries habitat downstream of the dam in both the Trinity and Sacramento rivers, along with the effect of this increased sediment reducing the life of the Trinity reservoir.

The Trinity River Basin below Trinity Dam has had a significant amount of restoration work through the Trinity River Fish and Wildlife Restoration Program since 1984, but little funds have yet been made available to address similar issues and problems (primarily erosion) above the dam. Given the recent heavy influx of sediment to Trinity Lake during 1997 and 1998 and resultant high levels of turbidity experienced, it seems appropriate that these issues now be examined and dealt with. We would like to see an inventory of sediment sources as well as the development of a Watershed Action Plan for the Upper Trinity River Watershed. This area is an important part of the watershed, especially as this is a significant source of water (averaging a million acre feet per year) for the Central Valley Project.

The Trinity County Board of Supervisors hope that the CALFED Bay-Delta Program recognizes the importance of the Trinity River basin as part of its overall restoration objectives, considers the wide community support for this restoration planning effort in the Upper Trinity River watershed, and recommends approval of funds for this worthwhile project.

Sincerely,

TRINITY COUNTY BOARD OF SUPERVISORS

ROBERT REISS, Chairman



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

No. 3 Horseshoe Lane
Weaverville, CA 96093
(916) 623-3991

April 7, 1999

Mr. Greg Lowden
Trinity County RCD
PO Box 1450
Weaverville, CA 96093

Dear Mr. Lowden,

I am writing this letter to support the Trinity County Resource Conservation District's (RCD) proposal for funding through CALFED for watershed restoration planning and the development of an inventory of sediment sources in the Upper Trinity River watershed; I am concerned about the high levels of turbidity in Trinity Lake resulting from large storm events such as the one which occurred in January of 1997. I am sure this influx of sediment into Trinity Lake is having a deleterious effect on fish health and habitat downstream of the reservoir in the Trinity and Sacramento Rivers as well as reducing the life of the Trinity Reservoir. In this day and age in California where water has become such a precious limited resource, I believe we need to be taking steps to minimize any impact to existing reservoir capacities as well as addressing critical water quality issues that directly impact at-risk fish species.

Over the past 10 years, I have seen extensive resources committed to restoration work in the Trinity River basin below Trinity Lake, but little to no funds have been expended above Trinity Dam. I believe your proposal is a good step in the right direction. I would hope that the CALFED Bay-Delta Program recognizes the importance of the Trinity River Basin as part of its overall restoration objectives and recommends approval of funds for this project.

Sincerely,

Jim Spear
District Conservationist



The Watershed Research and Training Center

April 2, 1999

Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resource Conservation District
PO Box 1450
Weaverville, CA 96093

RE: CALFED Proposal

Dear Mr. Lowden:

I am writing to express my support for the Trinity County Resource Conservation District's CALFED proposal. I would also like to confirm the commitment of my organization to participate in the planning for watershed restoration in the Upper Trinity Watershed. This cooperative planning process to integrate watershed restoration fuels management, and sediment source inventory is integral to our efforts to reduce the turbidity levels in Trinity Lake, improve the downstream habitat, and prolong the useful life of the reservoir.

As you know, CALFED's willingness to address the long-term maintenance of the watershed in the uplands has much local support. Since the Trinity Basin loses 80% of the water from the uplands through the Clear Creek tunnel and into the Sacramento Basin, efforts to maintain the upper watersheds contribution to both the CVIP (averaging one million acre feet per year) and to the health of the mainstream are of vital importance, not only to Trinity County, but to the entire state.

We are encouraged that the CALFED Bay-Delta Program recognizes the role the Trinity River Basin plays and are pleased to be involved in this community-based effort for restoration planning in the Upper Trinity River Watershed.

Thank you for leading the planning effort. We look forward to continuing this planning effort.

Sincerely,

E. Lynn Jungwirth
Executive Director



California Regional Water Quality Control Board

North Coast Region
Ross R. Liscum, Chairman

Anton H. Hickox
*Secretary for
Environmental
Protection*

Internet Address: <http://llw.swrcb.ca.gov>
5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403
Phone (707) 576-2220 • FAX (707) 5234135



Gray Davis
Governor

April 12, 1999

Gregory E. Lowden, Chairman
Board of Directors Trinity County Resource
Conservation District
P.O. Box **1450**
Weaverville, CA 96093

Dear Chairman Lowden:

Subject: CALFED Proposal

The North Coast Regional Water Quality Control Board (NCRWQCB) staff would like to express our support for the Trinity County Resource Conservation District's proposal requesting CALFED funding for watershed restoration planning and to conduct a sediment source inventory in the upper Trinity River watershed. NCRWQCB staff has been investigating the severe erosion and very high turbidity levels in Trinity Lake and the Trinity River that have occurred since the January 1997 storms. The high turbidity levels have persisted and are impacting the important beneficial uses of Trinity Lake and downstream fisheries habitat in both the Trinity and Sacramento Rivers. The increased sediment yield is also encroaching on the capacity of Trinity Lake as a water reservoir.

The Trinity River has been the subject of extensive restoration efforts through the Trinity River Fish and Wildlife Restoration program since 1984. Most of this effort has been concentrated below the dam even though significant erosion is occurring in the upper watershed. Given the recent heavy influx of sediment to Trinity Lake during the past two winters and resultant high turbidity levels, it seems appropriate that these issues now be examined. We would like to see an inventory of sediment sources as well as the development of a Watershed Action Plan for the upper Trinity River watershed. This area is an important part of the watershed, especially as this is a significant source of water (averaging a million acre feet per year) for the Central Valley Project.

We are hopeful that the CALFED Bay-Delta program recognizes the importance of the Trinity River basin as part of its overall restoration objectives and recommends approval of funds for this project.

Sincerely,

John R. Hannum
Senior Water Resources Control Engineer

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California Environmental Protection Agency



Recycled Paper

DEPARTMENT OF FORESTRY AND FIRE PROTECTION

P.O. BOX 1296

WEAVERVILLE, CALIFORNIA 96093

(530) 623-4201 FAX (530) 623-5444



April 12, 1999

Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resources Conservation District
P.O. Box 1450
Weaverville, Ca 96093

RE: CALFED Proposal for Upper Trinity River Watershed Stewardship

Dear Mr. Lowden,

The California Department of Forestry and Fire Protection (CDF) actively supports the Trinity County Resource Conservation District's proposal to CALFED to fund the Upper Trinity River Watershed Stewardship Project

CDF has worked with the District on several Forest Stewardship partnership projects including the East Branch and Covington Mill Fuels Reduction and Fire Plan Development. We are currently working with the TCRCD on a Strategic Fire Plan for the County through the auspices of a Trinity County Fire Safe Council, along with the USFS and a number of private individuals.

The Trinity River Basin below Trinity Dam has had a significant amount of restoration work through the Trinity River Fish and Wildlife Restoration Program since 1984, but little funds have yet been made available to address similar issues and problems above the dam. We would like to see an inventory of sediment sources as well as the development of a Forest Health Fuels Reduction and Watershed Enhancement Plan for the Upper Trinity River watershed to prioritize projects for implementation.

I believe that the CALFED Bay-Delta Program should recognize the importance of the Trinity River basin as part of its overall restoration objectives and consider the wide community support for this restoration planning effort in the Upper Trinity River watershed and recommend approval of funds for this project

Sincerely,

A handwritten signature in cursive script, reading "William G. Britton".

William G. Britton
Battalion Chief

April 6, 1999

Mr. Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resource Conservation District
P.O. Box 1450
Weaverville, CA 96093

RE: CALFED Proposal

Dear Mr. Lowden:

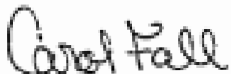
I am writing to express my support for the Trinity County Resource Conservation District's proposal for CALFED funding to perform watershed planning and to conduct a sediment source inventory in the upper Trinity River watershed. As a forest landowner upstream of the dam, I have been concerned about the recent sediment loads to Trinity Lake and high turbidity levels. I believe this proposal would have significant benefits to both Trinity Lake and downstream water users.

Since the winter storms of 1997, Trinity Lake has been subject to major sediment loads, which shorten the life of the reservoir, and high turbidity levels, which affect downstream fishery habitat and water users. Because of local concerns, the timing is right for an inventory of sediment sources and development of a watershed plan.

The Trinity County Resource Conservation District's projects have effectively reduced sediment loading to the Trinity River downstream of the dam. However, their ability to help landowners such as myself, who wish to reduce erosion and sediment transport from my property to Trinity Lake, has been hampered by a lack of funding for projects above the dam.

Due to the significant contribution from Trinity Lake to the Central Valley Project, and downstream benefits of an un-impaired Trinity Lake, I recommend that the CALFED Bay-Delta Program fund the Trinity County Resource Conservation District project. Thank you for your consideration.

Sincerely,



Carol Fall
P.O. Box 1448
Weaverville, CA 96093

April 10, 1999

Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resource Conservation District
P.O. Box 1450
Weaverville, CA 96093

RE: CALFED Proposal for Upper Trinity River Watershed Stewardship

Dear Mr. Lowden:

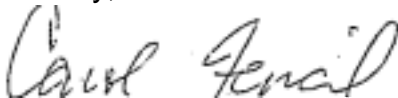
I am writing to express my support for the Trinity County Resource Conservation District's proposal requesting CALFED funding for watershed restoration planning and to conduct a sediment source inventory in the Upper Trinity River watershed. As a landowner upstream of the dam, I am concerned about the very high levels of sediment loads and turbidity in Trinity Lake.

Since the storms of early 1997, Trinity Lake has been subject to major sediment loads, which shorten the life of the reservoir, and high turbidity levels, which affect downstream fishery habitat and water users. Because of local concerns, the timing is right for an inventory of sediment sources and development of a watershed plan.

The Trinity River Basin below Trinity Dam has had a significant amount of restoration work through the Trinity River Fish and Wildlife Restoration Program since 1984, but little funds have yet been made available to address similar issues and problems (primarily erosion) above the dam. I would like to see an inventory of sediment sources as well as the development of a Watershed Enhancement Plan for the Upper Trinity River watershed. This area is an important part of the watershed, especially as this is a significant source of water (averaging a million acre feet per year) for the CVPIA.

I would hope that the CALFED Bay-Delta Program recognize the importance of the Trinity River basin as part of its overall restoration objectives and consider the wide community support for this restoration planning effort in the Upper Trinity River watershed and recommend approval of funds for this project.

Sincerely,



Carol Fencil
Coffee Creek Trout Farm
Coffee Creek, CA



Morgan and Margo Langan

TRINITY ALPS RESORT

1750 TRINITY ALPS RD. • TRINITY CENTER, CA 96091

Phone (530)286-2205

MR. GREG LOWDEN, CHAIRMAN

TRINITY COUNTY RESOURCE CONSERVATION DISTRICT

P.O. Box 1450

WEAVERVILLE, CA. 96093

DEAR MR. LOWDEN,

4/10/99

I recently read of your district's proposal to obtain CALFED funding to reduce sediment buildup in Trinity Lake. Given the importance of Trinity Lake to downstream water users, it would be in the best interests of CALFED to reduce the rate at which Trinity Lake is being filled with sediment. The recent high water years have deposited alarming amounts of sediment at the mouth of most major tributaries entering the Lake. The resulting turbidity levels also impacted downstream users and fish habitat.

It is vital that CALFED examine the entire watershed of the Trinity Basin and not simply isolate efforts below the dam. In this regard I urge funding support for your district's project. Please keep me informed as to what needs to be done to further your efforts.

SINCERELY, *Marg - J. Langan*, OWNER
MORGAN J. LANGAN

CALIFORNIA CONSERVATION CORPS

Klamath Service District

30 P.J. Murphy Memorial Dr., Klamath, CA 95548
(707) 482-2941 FAX (707) 482-7535



June 23, 1998

Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resource Conservation District
P.O. Box 1450
Weaverville, CA 96093

RE CALFEO Proposal

Dear Mr. Lowden:

I am writing to express my support for the Trinity County Resource Conservation District's proposal requesting CALFED funding for watershed restoration planning, including a sediment source inventory, in the Upper Trinity River watershed. This watershed lies within the CCC's Klamath Service District, and I share your concern about the very high levels of turbidity that Trinity Lake has had since the storms of early 1997. I believe it is likely that this increased sediment load will not only reduce the life of the reservoir, but may also result in a negative impact on fisheries habitat downstream of the dam.

The Trinity River Basin below Trinity Dam has had a significant amount of restoration work through the Trinity River Fish and Wildlife Restoration Program since 1984, but little funds have yet been made available to address similar issues and problems (primarily erosion) above the Dam. Given the recent heavy influx of sediment to Trinity Lake during the past two winters and resultant high levels of turbidity, it seems appropriate that these issues now be examined and dealt with. I would like to see an inventory of sediment sources as well as the development of a Watershed Enhancement Plan for the Upper Trinity River watershed. This area is an important part of the watershed, especially as this is a significant source of water (averaging a million acre feet per year) for the CVPIA.

The California Conservation Corps is very interested in being a collaborator in the efforts to address these issues, both in the planning and assessment phase, and later in the implementation of any prescriptive measures identified. We have had nearly twenty years of experience engaging young adults in fish habitat improvement work on watersheds throughout the north coast, and under the mentorship of the California Department of Fish and Game we are also beginning to develop watershed

June 23, 1998

Gregory E. Lowden
Chairman, Board of Directors
Trinity County Resource Conservation District
P.O. Box 1450
Weaverville, CA 96093

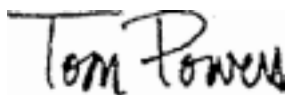
Dear Mr. Lowden:

I work for the California Conservation Corps as Chief of the Corpsmember Development & Project Support Division. I am writing to express my support for the Trinity County Resource Conservation District's proposal requesting CALFED funding for watershed restoration planning and to conduct a sediment source inventory in the Upper Trinity River watershed. I am concerned about the very high levels of turbidity that Trinity Lake has had since the storms of early 1997 and about the resultant impact on fisheries habitat downstream of the dam, along with the affect of this increased sediment reducing the life of the reservoir.

The Trinity River Basin below Trinity Dam has had a significant amount of restoration work through the Trinity River Fish and Wildlife Restoration Program since 1984, but little funds have yet been made available to address similar issues and problems (primarily erosion) above the dam. Given the recent heavy influx of sediment to Trinity Lake during the past two winters and resultant high levels of turbidity, it seems appropriate that these issues now be examined and dealt with. I would like to see an inventory of sediment sources as well as the development of a Watershed Enhancement Plan for the Upper Trinity River watershed. This area is an important part of the watershed, especially as this is a significant source of water (averaging a million acre feet per year) for the CVPIA.

I would hope that the CALFED Bay-Delta Program recognize the importance of the Trinity River basin as part of its overall restoration objectives and consider the wide community support for this restoration planning effort in the Upper Trinity River watershed and recommend approval of funds for this project.

Sincerely,



Tom Powers

April 12, 1999

Mr. Gregory Lowden
Chairman, Board of Directors
Trinity County Resource
Conservation District
Post Office Box 1450
Weaverville, CA 96093

RE: CALFED Proposal - **Upper** Trinity River Watershed Stewardship Project

We the undersigned are very concerned about the turbidity that is affecting Trinity and Lewiston lakes, and the long-term effects it is having on the Trinity River, fishing resources and tourism in our county. We also recognize that this serious water quality problem could have an impact on the Sacramento River and the Central Valley Project, which depend heavily on the flow of water from the Trinity River. Therefore **we** support the Trinity County RCD proposal requesting CALFED funding for watershed restoration planning for the Upper Trinity River Watershed, and we respectfully urge the CALFED program to approve this funding request.

1. Phillip A. Hightower
(Print Name)

Phillip A. Hightower
(Signature)

2. James E. Deichler
(Print Name)

James E. Deichler
(Signature)

3. Jack R. MILLER
(Print Name)

Jack R. Miller
(Signature)

4. BARRY A. BARNES
(Print Name)

Barry A. Barnes
(Signature)

5. Leah J Miller
(Print Name)

Leah J Miller
(Signature)

6. Suzan Neil
(Print Name)

Suzan Neil
(Signature)

7. ROGER VANDERWALL
(Print Name)

Roger Vanderwall
(Signature)

8. Tom Miranda
(Print Name)

Tom Miranda
(Signature)

9. RAMIRO GARZA
(Print Name)

Ramiro Garza
(Signature)

10. ANIKO FELMERY
(Print Name)

Aniko Felmer
(Signature)

April 12, 1999

Mr. Gregory Lowden
Chairman, Board of Directors
Trinity County Resource
Conservation District
Post Office Box 1450
Weaverville, CA 96093

RE: CALFED Proposal - Upper Trinity River Watershed Stewardship Project

We the undersigned are very concerned about the turbidity that is affecting Trinity and Lewiston lakes, and the long-term effects it is having on the Trinity River, fishing resources and tourism in our county. We also recognize that this serious water quality problem could have an impact on the Sacramento River and the Central Valley Project, which depend heavily on the flow of water from the Trinity River. Therefore we support the Trinity County RCD proposal requesting CALFED knding for watershed restoration planning for the Upper Trinity River Watershed, and we respectfully urge the CALFED program to approve this knding request,

1. TIM BRADY
(Print Name)

[Signature]
(Signature)

2. Heub Bunton
(Print Name)

[Signature]
(Signature)

3. Pat Bunton
(Print Name)

[Signature]
(Signature)

4. Lee W. Sherwood
(Print Name)

Lee W. Sherwood
(Signature)

5. DOUGLAS R. LINK
(Print Name)

[Signature]
(Signature)

6. JOSEPH R. NEIL
(Print Name)

[Signature]
(Signature)

7. DOUGLAS R. MURPHY
(Print Name)

[Signature]
(Signature)

8. MAHON ACE DADIGAN
(Print Name)

[Signature]
(Signature)

9. RICHARD PARRAGA
(Print Name)

[Signature]
(Signature)

10. CAROLE PARRAGA
(Print Name)

[Signature]
(Signature)

Members of the Board
Trinity County Resource Conservation District
P.O. Box 1450
Weaverville, CA 96093

We, the undersigned, are very concerned about the turbidity that is affecting Trinity and Lewiston lakes, and the long-term effects it is having on the Trinity River, fishing resources, and tourism in our county. We also recognize that this serious water quality problem could have an impact on the Sacramento River and the Central Valley Project, which depend heavily on the flow of water from the Trinity River. Therefore, we support the Trinity County RCD proposal requesting CALFED funding for watershed restoration planning for the Upper Trinity River Watershed, and we respectfully urge the CALFED program to approve this funding request.

[illegible]

May 12, 1998

Members of the Board
Trinity County Resource Conservation District
P.O. Box 1414
Weaverville, CA 96093

Dear Board Members:

We, the undersigned, are concerned about the economic impact water turbidity is having on tourism and sport fishing in our county. Therefore, we respectfully urge the Trinity County Resource Conservation District to apply for funds from the CALFED program to study the causes of this turbidity in Trinity and Lewiston Lakes and the Trinity River and find ways to reduce or eliminate it.

Signature	Organization	Date
James S. [Signature]	Old Lewiston Inn	15 May 98
Dennis [Signature]	TURNPIKE & DEADWOOD	5-15-98
[Signature]	BOAH'S SPORTS & UMB	5/19/98
[Signature]	WITHE BROWN'S CREEK	5/19/98
Carol K. Baldwin	Douglas City, Ca.	5/19/98
Ken [Signature]	Fed-X	5/19/98
[Signature]	Crabapple Vineyard	5/19/98
[Signature]	BANANA BEET	5/19/98
Will T. [Signature]	Steel Bridge Road Residents	5-20-98
[Signature]	Pine Cone MARINA	5/20/98
[Signature]	LAKEVIEW TERRACE RESORT	5/20/98
[Signature]	STAR RT BOX 250 LEWISTON CA	5/20/98
Emma [Signature]	STAR RT BOX 250 LEWISTON	5/20/98
Sen [Signature]	GOOSE PANCH RD	5/20/98

May 12, 1998

Members of the Board
Trinity County Resource Conservation District
P.O. Box 1414
Weaverville, CA 96093

Dear Board Members:

We, the undersigned, are concerned about the economic impact water turbidity is having on tourism and sport ~~fishing~~ in our county. Therefore, we respectfully urge the Trinity County Resource Conservation District to apply for funds from the CALFED program to study the causes of this turbidity in Trinity and Lewiston Lakes and the Trinity River and find ways to reduce or eliminate it.

Signature	Organization	Date
James E. Clarke Jr.	Retired Citizen	5-17-98
Lucy K. Clarke	RETIRED	5-17-98
Suzanne Neil		
Frank Dahlberg	Retired	5-17-98
Malcolm A. Deegan	Retired PCTP LEWISTON CA	5-20-98
David M. Deegan	Ret Lewiston Lake	5-20-98
William Slater	RET Lewiston Lake	5-20-98
Rosalie Olson	RET-	5-20-98
Claudia M. Link	Link Pine Cove Owner	5-20-98

TRINITY COUNTY RESOURCE CONSERVATION DISTRICT



P.O. Box 1414, Weaverville, CA 96093 (916) 623-6004

April 9, 1999

John Jelecich
Planning Director
Trinity County Planning Department
P.O. Box 2819
Weaverville, CA 96093

RE: Notification of CALFED Proposal for Upper Trinity River Watershed Stewardship

Dear Mr. Jelecich:

This letter is to inform the Trinity County Planning Department that the Trinity County Resource Conservation District plans to submit a proposal to CALFED for an Upper Trinity River Watershed Stewardship Project. As you are aware, the Trinity County Board of Supervisors unanimously agreed to support this project at their April meeting. The CALFED Proposal Solicitation Package requires that a letter of notification to the County Planning Department be made prior to submitting a proposal.

Since the storms of early 1997, Trinity Lake has been subject to major sediment loads, which shorten the life of the reservoir, and high turbidity levels, which affect downstream fishery habitat and water users. Because of local concerns, the timing is right for an inventory of sediment sources and development of a watershed plan. Trinity County Resource Conservation District's proposal requests CALFED funding for watershed restoration planning, to conduct a sediment source inventory, address fuels management concerns, and to develop a Watershed Enhancement Plan for the Upper Trinity River watershed.

The Trinity River Basin below Trinity Dam has had a Significant amount of restoration work through the Trinity River Fish and Wildlife Restoration Program since 1984, but little funds have yet been made available to address similar issues and problems above the dam for the Upper Trinity River watershed. This area is an important part of the watershed, especially as this is a significant source of water (averaging a million acre feet per year) for the CVPIA. We hope that the CALFED Bay-Delta Program recognizes the importance of the Trinity River basin as part of its overall restoration objectives and considers the wide community support for this restoration planning effort in the Upper Trinity River watershed.

The TCRCD appreciates the support that we have received from the Trinity County Planning Department for past projects that we have been involved with and look forward to continued cooperation and support. Please give us a call if you have any questions or would like more information about this proposal.

Sincerely,

Noreen Doyas

Resource Conservation Pledge

I give Noreen Doyas and defend the Natural Resources of my county, its Air, Soil, Forests, Waters and Wildlife.



**STANDARD CLAUSES -
CONTRACTS WITH PUBLIC ENTITIES**

Workers' Compensation Clause. Contractor affirms that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and Contractor affirms that it will comply with such provisions before commencing the performance of the work under this contract.

Nondiscrimination Clause. During the performance of this contract, the recipient, Contractor and its subcontractors shall not deny the contract's benefits to any person on the basis of religion, color, ethnic group identification, sex, age, physical or mental disability, nor shall they discriminate unlawfully against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, mental disability, medical condition, marital status, age (over 40), or sex. Contractor shall insure that the evaluation and treatment of employees and applicants for employment are free of such discrimination. Contractor shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 et seq.), the regulations promulgated thereunder (California Administrative Code, Title 2, Sections 7285.0 et seq.), the provisions of Article 9.5, Chapter 1, Part 1, Division 3, Title 2 of the Government Code (Government Code Sections 11135 - 11139.5), and the regulations or standards adopted by the awarding State agency to implement such article. Contractor or recipient shall permit access by representatives of the Department of Fair Employment and Housing and the awarding State agency upon reasonable notice at any time during the normal business hours, but in no case less than 24 hours' notice, to such of its books, records, accounts, other sources of information and its facilities as said Department or Agency shall require to ascertain compliance with this clause. Recipient, Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. The Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

Availability of Funds. Work to be performed under this contract is subject to availability of funds through the State's normal budget process.

Audit Clause. For contracts in excess of \$10,000, the contracting parties shall be subject to the examination and audit of the State Auditor for a period of three years after final payment under the contract. (Government Code Section 8546.7).

Payment Retention Clause. Ten percent of any progress payments that may be provided for under this contract shall be withheld per Public Contract Code Sections 10346 and 10379 pending satisfactory completion of all services under the contract.

Reimbursement Clause. If applicable, travel and per diem expenses to be reimbursed under this contract shall be at the same rates the State provides for unrepresented employees in accordance with the provisions of Title 2, Chapter 3, of the California Code of Regulations. Contractor's designated headquarters for the purpose of computing such expenses shall be: Weaverville.

Drug-Free Workplace Certification. By signing this contract, the Contractor or grantee hereby certifies under penalty of perjury under the laws of the State of California that the Contractor or grantee will comply with the requirements of the Drug-Free Workplace Act of 1990 (Government Code Section 8350 et seq.) and will provide a drug-free workplace by taking the following actions:

1. Publish a statement notifying employees that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees for violations.
2. Establish a Drug-Free Awareness Program to inform employees about all of the following:
 - (a) The dangers of drug abuse in the workplace.
 - (b) The person's or organization's policy of maintaining a drug-free workplace.
 - (c) Any available counseling, rehabilitation and employee assistance programs, and
 - (d) Penalties that may be imposed upon employees for drug abuse violations.
3. Every employee who works on the proposed contract or grant:
 - (a) Will receive a copy of the company's drug-free policy statement, and
 - (b) Will agree to abide by terms of the company's statement as a condition of employment on the contract or grant.

This contract or grant may be subject to suspension of payments or termination, or both, and the Contractor or grantee may be subject to debarment if the department determines that: (1) the Contractor or grantee has made a false certification, or (2) the Contractor or grantee violates the certification by failing to carry out the requirements noted above.

Americans With Disabilities Act. By signing this contract, Contractor assures the State that it complies with the Americans With Disabilities Act (ADA) of 1990, (42 U.S.C. 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

Former State Employees: a) For the two-year period from the date he or she left State employment, no former State officer or employee may enter into a contract in which he or she engaged in any of the negotiations, transactions, planning, arrangements or any part of the decision-making process relevant to the contract while employed in any capacity by any State agency. b) For the twelve-month period from the date he or she left State employment, no former State officer or employee may enter into a contract with any State agency if he or she was employed by that State agency in a policy-making position in the same general subject area as the proposed contract within the twelve-month period prior to his or her leaving State service.

Agreement No. _____

Exhibit _____

ADDITIONAL STANDARD CLAUSES

Recycled Materials. Contractor hereby certifies under penalty of perjury that ____ (enter value or "0" here) percent of the materials, goods and supplies offered or products used in the performance of this Agreement meets or exceeds the minimum percentage of recycled material as defined in Sections 12161 and, 12200 of the Public Contract Code.

Severability. If any provision of this Agreement is held invalid or unenforceable by any court of final jurisdiction, it is the intent of the parties that all other provisions of this Agreement be construed to remain fully valid, enforceable, and binding on the parties.

Governing Law. This Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.

Y2K Language. The Contractor warrants and represents that the goods or services sold, leased, or licensed to the State of California, its agencies, or its political subdivisions, pursuant to this Agreement are Year 2000 compliant." For purposes of this Agreement a good or service is Year 2000 compliant if it will continue to fully function before, at, and after the Year 2000 without interruption and, if applicable, with full ability to accurately and unambiguously process, display, compare, calculate, manipulate, and otherwise utilize date information. This warranty and representation supersedes all warranty disclaimers and limitations and all limitations on liability provided by or through the Contractor.

Child Support Compliance Act. For any Agreement in excess of \$100,000, the Contractor acknowledges in accordance therewith, that:

1. The Contractor recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with Section 5200) of Part 5 of Division 9 of the Family Code; and
2. The Contractor, to the best of its knowledge, is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.

U.S. Department of the Interior

Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements **and** Lobbying

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used: use this form for certification and sign: or use Department of the Interior Form 1954 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12.)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -
Primary Covered Transactions

CHECK ☒ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification such prospective participant shall attach an explanation to this proposal.

PART 8: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -
Lower Tier Covered Transactions

CHECK ☒ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

PART C: Certification Regarding Drug-Free Workplace Requirements

CHECK ☒ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by.

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

TCRCD
PO Box 19741450
Weaverville, CA 96093

Check ☐ if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

CHECK ☐ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each grant activity.

PART E Certification Regarding Lobbying :
Certification for Contracts, Grants, Loans, and Cooperative Agreements

~~CHECK X IF CERTIFICATION IS FOR A FEDERAL GRANT OR COOPERATIVE AGREEMENT;~~
~~THE AMOUNT EXCEEDS \$100,000; A FEDERAL GRANT OR COOPERATIVE AGREEMENT;~~
~~SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.~~

~~CHECK IF CERTIFICATION IS FOR A FEDERAL~~
~~LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR~~
~~SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.~~

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this Certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Gregory E. Lowden

TYPED NAME AND TITLE GREGORY E. LOWDEN - CHAIRMAN BOARD OF DIRECTORS

DATE 4-15-99

APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0348-0043

1. TYPE OF SUBMISSION:		2. DATE SUBMITTED May 12, 2000	Applicant Identifier
<input type="checkbox"/> Application	<input type="checkbox"/> Preapplication	3. DATE RECEIVED BY STATE	State Application Identifier
<input type="checkbox"/> Construction	<input type="checkbox"/> Construction	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
<input checked="" type="checkbox"/> Non-Construction	<input type="checkbox"/> Non-Construction		

APPLICANT INFORMATION	
1. Name: Trinity County Resource Conservation District	Organizational Unit:
2. Address (give city, county, State, and zip code): P.O. Box 1450 Weaverville, CA 96093	Name and telephone number of person to be contacted on matters involving this application (give area code): Pat Frost, District Manager (530) 623-6004

3. EMPLOYER IDENTIFICATION NUMBER (EIN): 63-0191222	7. TYPE OF APPLICANT: (enter appropriate letter in box)
4. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	A. State <input type="checkbox"/> H. Independent School Dist. <input checked="" type="checkbox"/> G
5. Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/>	B. County <input type="checkbox"/> I. State Controlled Institution of Higher Learning
6. A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other(specify):	C. Municipal <input type="checkbox"/> J. Private University
	D. Township <input type="checkbox"/> K. Indian Tribe
	E. Interstate <input type="checkbox"/> L. Individual
	F. Intermunicipal <input type="checkbox"/> M. Profit Organization
	G. Special District <input type="checkbox"/> N. Other (Specify) _____

8. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: XX-XX	9. NAME OF FEDERAL AGENCY: US Department of Interior, NFWF
--	---

10. TITLE: Trinity County	11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Upper Trinity River Watershed Stewardship Project
------------------------------	--

12. PROPOSED PROJECT	14. CONGRESSIONAL DISTRICTS OF:
13. ESTIMATED FUNDING:	a. Applicant Two
15. ESTIMATED FUNDING:	b. Project Two

16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?
a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____	<input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No
b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	

Federal	\$	300,000
Applicant	\$	00
State	\$	00
Local	\$	00
Other	\$	00
Program Income	\$	00
TOTAL	\$	300,000

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.		
19. Type Name of Authorized Representative Pat Frost	20. Title District Manager	21. Telephone Number (530) 623-6004
22. Signature of Authorized Representative Pat Frost	23. Date Signed 5-12-00	

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Prevention and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.

Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.

Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, 'Audits of States, Local Governments, and Non-Profit Organizations.'
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

NATURE OF AUTHORIZED CERTIFYING OFFICIAL

Gregory E. Louche

TITLE

*CHAIRMAN - BOARD OF
DIRECTORS*

APPLICANT ORGANIZATION

*INITY COUNTRY RESOURCE CONSERVATION
DISTRICT*

DATE SUBMITTED

4-15-99

NONDISCRIMINATION COMPLIANCE STATEMENT

REG. NO. PREV. 3-95) F&C

COMPANY NAME

Trinity County Resource Conservation District

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California

OFFICIAL'S NAME

Norben Doyas

DATE EXECUTED

May 12, 2000

EXECUTED IN THE COUNTY OF

PROSPECTIVE CONTRACTOR'S SIGNATURE

Norben Doyas

Trinity

PROSPECTIVE CONTRACTOR'S TITLE

Grants Coordinator

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

Trinity County Resource Conservation District

All applicants must fill out this Environmental Compliance Checklist. Applications must contain answers to the following questions to be responsive and to be considered for funding. ***Failure to answer these questions and include them with the application will result in the application being considered nonresponsive and not considered for funding.***

- ☒ YES

NO

- Lead Agency

- This is a watershed "planning" project

4. **If CEQA/NEPA compliance is required, describe how the project will comply with either or both of these laws. Describe where the project is in the compliance process and the expected date of completion.**

5. Will the applicant require access across public or private property that the applicant does not own to accomplish the activities in the proposal?

YES

NO

If yes, the applicant must attach written permission for access from the relevant property owner(s). Failure to include written permission for access may result in disqualification of the proposal during the review process. Research and monitoring field projects for which specific field locations have not been identified will be required to provide access needs and permission for access with 30 days of notification of approval.

LOCAL

- ✓

STATE

- ✓

(CDFG)

(CDFG)

(RWQCB)

(Coastal Commission/BCDC)

(DPC, BCDC)

FEDERAL.

-

(USFWS)

(ACOE)

(ACOE)

CWA = Clean Water Act

ESA = Endangered Species Act

CDFG = California Department of Fish and Game

RWQCB = Regional Water Quality Control Board

BCDC= Bay Conservation and Development Comm.

Land Use Checklist

All applicants must fill out this Land Use Checklist for their proposal. Applications must contain answers to the following questions to be responsive and to be considered for funding. Failure to answer these questions and include them with the application will result in the application being considered nonresponsive and not considered for funding.

1. Do the actions in the proposal involve physical changes to the land (i.e. grading, planting vegetation, **or** breaching levees) or restrictions in land use (i.e. conservation easement or placement of land in a wildlife refuge)?

YES

NO

2. If **NO** to # 1, explain what type of actions are involved in the proposal (i.e., research only, planning only),

inventory, planning

3. If **YES** to # 1, what is the proposed land use change **or** restriction under the proposal?

4. If **YES** to # 1, is the land currently under a Williamson Act contract?

YES

NO

5. If **YES** to # 1, answer the following:

Current land use _____

Current zoning _____

Current general plan designation _____

6. If **YES** to #1, is the land classified as Prime Farmland, Farmland of Statewide Importance **or** Unique Farmland on the Department of Conservation Important Farmland Maps?

YES

NO

DON'T KNOW

7. If **YES** to # 1, how many acres of land will be subject to physical change **or** land use restrictions under the proposal?

8. If **YES** to # 1, is the property currently being commercially farmed **or** grazed?

YES.

NO

9. If **YES** to #8, what are the number of employees _____
the total number of employees _____

10. Will the applicant acquire any interest in land under the proposal (fee title **or** a conservation easement)?

YES

NO

11. What entity/organization will hold the interest? _____

12. If YES to # 10, answer the following:

Total number of acres to be acquired under proposal

Number of acres to be acquired in fee

Number of acres to be subject to conservation easement

13. For all proposals involving physical changes to the land **or** restriction in land use, describe what entity **or** organization will:

manage the property

provide operations and maintenance services

conduct monitoring

14. For land acquisitions (fee title or easements), will existing water rights also be acquired?

YES

NO

15. Does the applicant propose any modifications to the water right or change in the delivery of the water?

YES

NO

16. If YES to # 15, describe _____